

licorice extract? and LDL

1 FILE ADISCTI
3 FILE BIOSIS
2 FILE CABA
3 FILE CAPLUS
3 FILE DDFU

24 FILES SEARCHED...

3 FILE DRUGU
2 FILE EMBASE
1 FILE ESBIODBASE
1 FILE FROSTI
1 FILE IFIPAT
2 FILE MEDLINE
2 FILE PASCAL

52 FILES SEARCHED...

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10 FILE USPATFULL
1 FILE WPIDS
1 FILE WPINDEX

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L1 QUE LICORICE EXTRACT? AND LDL

=> file adiscti biosis caba caplus ddfu drugu embase esbiobase frosti ifipat
medline pascal scisearch uspatfull

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 1.59 | 1.80 |

FULL ESTIMATED COST

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FILE 'PASCAL' ENTERED AT 13:32:10 ON 16 DEC 2002

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FILE 'SCISEARCH' ENTERED AT 13:32:10 ON 16 DEC 2002
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=> s l1

L2 34 L1

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 18 DUP REM L2 (16 DUPLICATES REMOVED)

=> d 1-18

L3 ANSWER 1 OF 18 IFIPAT COPYRIGHT 2002 IFI DUPLICATE 1
AN 10093766 IFIPAT;IFIUDB;IFICDB
TI **LICORICE EXTRACT** FOR USE AS A MEDICAMENT;
ADMINISTERING **LICORICE EXTRACT** WHICH IS
WATER-INSOLUBLE AND FREE FROM GLYCYRRHIZINIC ACID FOR THERAPY OF BLOOD
PRESSURE, BLOOD GLUCOSE CONCENTRATION, HYPERCHOLESTEROLEMIA, AND
HYPERTRIGLYCERIDEMIA, CORONARY HEART DISEASE
IN Cohen Luba (IL)
PA Unassigned Or Assigned To Individual (68000)
PI US 2002037332 A1 20020328
AI US 2001-955933 20010920
PRAI IL 2000-138603 20000921
FI US 2002037332 20020328
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 10
GI 10 Figure(s).
FIG. 1 is a graph showing the effect of **licorice extract**
on systolic blood pressure;
FIG. 2 is a graph showing the effect of **licorice extract**
on diastolic blood pressure;
FIG. 3 is a graph showing the effect of **licorice extract**
on cholesterol levels in the blood;
FIG. 4 is a graph showing the effect of **licorice extract**
on **LDL** levels in the blood;
FIG. 5 is a graph showing the effect of **licorice extract**
on HDL levels in the blood;
FIG. 6 is a graph showing the effect of **licorice extract**
on VLDL levels in the blood;
FIG. 7 is a graph showing the effect of **licorice extract**
on triglycerides levels in the blood;
FIG. 8 is a graph showing the effect of **licorice extract**
on glucose levels in the blood.
FIG. 9 is a graph showing the effect of **licorice extract**
on serum susceptibility to **LDL** retention.
FIG. 10 is a graph showing the effect of **licorice**
extract on serum susceptibility to **LDL** aggregation.

L3 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2002 ACS
AN 2002:236847 CAPLUS
DN 136:257281
TI **Licorice extract** for lowering blood **LDL** and
cholesterol level

IN Cohen, Luba
PA Ready-Made 37 (1999) Ltd., Israel
SO Eur. Pat. Appl., 14 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | EP 1190717 | A2 | 20020327 | EP 2001-121933 | 20010912 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| | JP 2002114695 | A2 | 20020416 | JP 2001-284787 | 20010919 |
| PRAI | IL 2000-138603 | A | 20000921 | | |

L3 ANSWER 3 OF 18 USPATFULL
AN 2002:112505 USPATFULL
TI Stop smoking method and composition
IN Szynalski, Alexander Goen, Randolph, NJ, UNITED STATES
PI US 2002058238 A1 20020516
AI US 2001-23254 A1 20011217 (10)
RLI Continuation-in-part of Ser. No. US 1999-427447, filed on 27 Oct 1999,
PENDING
DT Utility
FS APPLICATION
LN.CNT 841
INCL INCLM: 434/262.000
NCL NCLM: 434/262.000
IC [7]
ICM: G09B023-28

L3 ANSWER 4 OF 18 USPATFULL
AN 2002:201233 USPATFULL
TI Stop smoking method and composition
IN Szynalski, Alexander Goen, Randolph, NJ, United States
PA Goen Corporation, Cedar Knolls, NJ, United States (U.S. corporation)
PI US 6431874 B1 20020813
AI US 1999-427447 19991027 (9)
DT Utility
FS GRANTED
LN.CNT 722
INCL INCLM: 434/262.000
NCL NCLM: 434/262.000
IC [7]
ICM: G09B023-28
EXF 514/282; 514/343; 424/449; 434/262

L3 ANSWER 5 OF 18 USPATFULL
AN 2002:108643 USPATFULL
TI Pomegranate extracts and methods of using thereof
IN Aviram, Michael, Kiriat-Haim, ISRAEL
Dornfeld, Leslie, Los Angeles, CA, United States
PA Stewart and Lynda Resnick Revocable Trust, Los Angeles, CA, United
States (U.S. corporation)
PI US 6387418 B1 20020514
AI US 1999-294307 19990419 (9)
DT Utility
FS GRANTED
LN.CNT 1757
INCL INCLM: 424/744.000
INCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000
NCL NCLM: 424/744.000
NCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000
IC [7]

ICM: A61K035-78
 EXF 424/195.1; 424/451; 424/464; 424/439; 424/725; 424/744; 426/599;
 514/824; 514/944; 514/969

L3 ANSWER 6 OF 18 USPATFULL
 AN 2002:88034 USPATFULL
 TI Pomegranate extracts and methods of using thereof
 IN Aviram, Michael, Kiriat-Haim, ISRAEL
 Dornfeld, Leslie, Los Angeles, CA, United States
 PA Stewart and Lynda Resnick Revocable Trust, Los Angeles, CA, United
 States (U.S. corporation)
 PI US 6375993 B1 20020423
 AI US 1999-399679 19990921 (9)
 RLI Division of Ser. No. US 1999-294307, filed on 19 Apr 1999
 DT Utility
 FS GRANTED
 LN.CNT 1718
 INCL INCLM: 424/744.000
 INCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000
 NCL NCLM: 424/744.000
 NCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000
 IC [7]
 ICM: A61K035-78
 EXF 424/195.1; 424/725; 424/744; 514/824; 514/944; 514/969

L3 ANSWER 7 OF 18 USPATFULL
 AN 2002:63561 USPATFULL
 TI Pomegranate extracts and methods of using thereof
 IN Aviram, Michael, Kiriat-Haim, ISRAEL
 Dornfeld, Leslie, Los Angeles, CA, United States
 PA Stewart and Lynda Resnick Revocable Trust, Los Angeles, CA, United
 States (U.S. corporation)
 PI US 6361807 B1 20020326
 AI US 1999-398655 19990921 (9)
 RLI Division of Ser. No. US 1999-294307, filed on 19 Apr 1999
 DT Utility
 FS GRANTED
 LN.CNT 1758
 INCL INCLM: 424/744.000
 INCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000
 NCL NCLM: 424/744.000
 NCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000
 IC [7]
 ICM: A61K035-78
 EXF 424/195.1; 424/725; 424/744; 426/541; 426/599; 426/648; 514/824;
 514/944; 514/969

L3 ANSWER 8 OF 18 CABA COPYRIGHT 2002 CABI DUPLICATE 2
 AN 2002:101226 CABA
 DN 20023063299
 TI Antiatherosclerotic effects of licorice extract
 supplementation on hypercholesterolemic patients: increased resistance of
 LDL to atherogenic modifications, reduced plasma lipid levels, and
 decreased systolic blood pressure
 AU Fuhrman, B.; Volkova, N.; Kaplan, M.; Presser, D.; Attias, J.; Hayek, T.;
 Aviram, M.
 CS Lipid Research Laboratory, Technion Faculty of Medicine, The Rappaport
 Family Institute for Research, Medical Sciences and Rambam Medical Center,
 Haifa, Israel.
 SO Nutrition, (2002) Vol. 18, No. 3, pp. 268-273. 36 ref.
 ISSN: 0899-9007
 DT Journal
 LA English
 SL Spanish; French

L3 ANSWER 9 OF 18 USPATFULL
 AN 2001:237510 USPATFULL
 TI Composition comprising panax pseudo ginseng, eucommiae ulmoides and polygonati rhizoma
 IN Sha, Shinhan, Tokyo, Japan
 Yanaihara, Noboru, Shizuoka-shi, Japan
 PI US 2001055624 A1 20011227
 AI US 2001-801803 A1 20010309 (9)
 RLI Continuation-in-part of Ser. No. US 1999-382596, filed on 25 Aug 1999, GRANTED, Pat. No. US 6280776
 PRAI JP 1998-323941 19981113
 DT Utility
 FS APPLICATION
 LN.CNT 989
 INCL INCLM: 424/725.000
 INCLS: 424/728.000; 424/773.000
 NCL NCLM: 424/725.000
 NCLS: 424/728.000; 424/773.000
 IC [7]
 ICM: A61K035-78

L3 ANSWER 10 OF 18 USPATFULL
 AN 2001:182585 USPATFULL
 TI Compositions and methods for prevention and treatment of chronic diseases and disorders including the complications of diabetes mellitus
 IN Kosbab, John V., Dillon, CO, United States
 PI US 2001031744 A1 20011018
 AI US 2001-827251 A1 20010405 (9)
 RLI Continuation of Ser. No. US 1998-18273, filed on 4 Feb 1998, ABANDONED
 PRAI US 1997-37084P 19970204 (60)
 US 1997-43262P 19970417 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 2318
 INCL INCLM: 514/054.000
 INCLS: 514/062.000; 424/729.000; 424/770.000; 424/732.000; 514/458.000; 514/725.000; 514/474.000
 NCL NCLM: 514/054.000
 NCLS: 514/062.000; 424/729.000; 424/770.000; 424/732.000; 514/458.000; 514/725.000; 514/474.000
 IC [7]
 ICM: A61K035-78
 ICS: A61K031-737
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 11 OF 18 USPATFULL
 AN 2001:141923 USPATFULL
 TI Composition comprising Panax pseudo ginseng and Eucommiae ulmoides
 IN Sha, Shinhan, 7-11, Nishiikebukuro-2-chome, Toshima-ku, Tokyo, Japan
 Yanaihara, Noboru, Shizuoka, Japan
 PA Sha, Shinhan, Tokyo, Japan (non-U.S. individual)
 PI US 6280776 B1 20010828
 AI US 1999-382596 19990825 (9)
 PRAI JP 1998-323941 19981113
 DT Utility
 FS GRANTED
 LN.CNT 702
 INCL INCLM: 424/728.000
 INCLS: 424/757.000; 424/773.000
 NCL NCLM: 424/728.000
 NCLS: 424/757.000; 424/773.000
 IC [7]
 ICM: A61K035-78

EXF 424/195.1; 424/728; 424/773; 424/757

L3 ANSWER 12 OF 18 SCISEARCH COPYRIGHT 2002 ISI (R)
AN 2001:886490 SCISEARCH
GA The Genuine Article (R) Number: 487XP
TI Estrogen-like activity of glabrene and other constituents isolated from
licorice root
AU Tamir S; Eizenberg M; Somjen D; Izrael S; Vaya J (Reprint)
CS Migal Galilee Technol Ctr, Lab Nat Cpds Med Use, IL-10200 Kiryat Shmona,
Israel (Reprint); Tel Aviv Univ, Sourasky Med Ctr, Inst Endocrinol,
IL-69978 Tel Aviv, Israel; Tel Aviv Univ, Sackler Fac Med, IL-69978 Tel
Aviv, Israel
CYA Israel
SO JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY, (SEP 2001) Vol. 78,
No. 3, pp. 291-298.
Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,
KIDLINGTON, OXFORD OX5 1GB, ENGLAND.
ISSN: 0960-0760.
DT Article; Journal
LA English
REC Reference Count: 24
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 13 OF 18 DRUGU COPYRIGHT 2002 THOMSON DERWENT
AN 1999-25384 DRUGU P B
TI Macrophage enrichment with the isoflavan glabridin inhibits NADPH
oxidase-induced cell-mediated oxidation of low density lipoprotein.
AU Rosenblat M; Belinky P; Vaya J; Levy R; Hayek T; Coleman R; Merchav S;
Aviram M
CS Rappaport-Fam.Inst.Res.Med.Sci.; Univ.Negev-Ben-Gurion
LO Haifa, Kiryat Shmona; Beer-Sheva, Isr.
SO J.Biol.Chem. (274, No. 20, 13790-99, 1999) 8 Fig. 4 Tab. 69 Ref.
CODEN: JBCHA3 ISSN: 0021-9258
AV The Lipid Research Laboratory, Rambam Medical Center, Haifa, Israel.
(M.A.). (E-mail: aviram@tx.technion.ac.il).
LA English
DT Journal
FA AB; LA; CT
FS Literature

L3 ANSWER 14 OF 18 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE
3
AN 1998:223908 BIOSIS
DN PREV199800223908
TI The antioxidative effects of the isoflavan glabridin on endogenous
constituents of LDL during its oxidation.
AU Belinky, Paula A.; Aviram, Michael; Fuhrman, Bianca; Rosenblat, Mira;
Vaya, Jacob (1)
CS (1) Migal, Galilee Technol. Cent., PO Box 90000, Rosh-Pina 12100 Israel
SO Atherosclerosis, (March, 1998) Vol. 137, No. 1, pp. 49-61.
ISSN: 0021-9150.
DT Article
LA English

L3 ANSWER 15 OF 18 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1998:36878 BIOSIS
DN PREV199800036878
TI Red wine consumption inhibits LDL oxidation and aggregation in
humans and in atherosclerotic mice.
AU Aviram, Michael; Hayek, Tony; Fuhrman, Bianca
CS Lipid Res. Lab., Technion Fac. Med., Rappaport Family Inst. Res. Med.
Sci., Rambam Med. Cent., Haifa Israel
SO Biofactors, (1997) Vol. 6, No. 4, pp. 415-419.
ISSN: 0951-6433.

DT Article
LA English

L3 ANSWER 16 OF 18 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE
4
AN 1997:404635 BIOSIS
DN PREV199799710838
TI **Licorice extract** and its major polyphenol glabridin
protect low-density lipoprotein against lipid peroxidation: In vitro and
ex vivo studies in humans and in atherosclerotic apolipoprotein
E-deficient mice.
AU Fuhrman, Bianca; Buch, Shlomi; Vaya, Jacob; Belinky, Paula A.; Coleman,
Raymond; Hayek, Tony; Aviram, Michael (1)
CS (1) Lipid Res. Lab., Rambam Med. Cent., Haifa Israel
SO American Journal of Clinical Nutrition, (1997) Vol. 66, No. 2, pp.
267-275.
ISSN: 0002-9165.
DT Article
LA English

L3 ANSWER 17 OF 18 ADISCTI COPYRIGHT 2002 (ADIS)
AN 1997:13454 ADISCTI
DN 800555438
TI **Licorice extract** and its major polyphenol glabridin
protect low-density lipoprotein against lipid peroxidation: in vitro and
ex vivo studies in humans and in atherosclerotic apolipoprotein
E-deficient mice.
AU Fuhrman B; Buch S; Vaya J; et al.
SO American Journal of Clinical Nutrition (Aug 1, 1997), Vol. 66, pp. 267-275
DT Citation
RE Hyperlipidaemia
FS Citation
LA English

L3 ANSWER 18 OF 18 USPATFULL
AN 96:24943 USPATFULL
TI Caffeine containing composition
IN Breitbarth, Richard, 10 Old Bloomfield Ave. P.O. Box 682, Pinebrook, NJ,
United States 07058
PI US 5502056 19960326
AI US 1994-249365 19940527 (8)
DT Utility
FS Granted
LN.CNT 440
INCL INCLM: 514/263.000
INCLS: 424/047.000; 424/125.000; 424/450.000; 424/489.000; 424/691.000;
424/724.000; 514/356.000; 514/567.000
NCL NCLM: 514/263.310
NCLS: 424/047.000; 424/125.000; 424/450.000; 424/489.000; 424/691.000;
424/724.000; 514/263.320; 514/356.000; 514/567.000
IC [6]
ICM: A61K031-52
ICS: A61K007-00; A61K033-44
EXF 424/724; 424/489; 424/691; 424/125; 424/450; 514/263; 514/356; 514/567
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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